

Title (en)  
TDMA-CDMA mobile communication system

Title (de)  
TDMA-CDMA mobile Kommunikationsanordnung

Title (fr)  
Système de communication mobile TDMA/CDMA

Publication  
**EP 1408627 A1 20040414 (EN)**

Application  
**EP 04000782 A 19950130**

Priority  
• EP 95101226 A 19950130  
• JP 961194 A 19940131

Abstract (en)  
The time division multiple access (TDMA) and code division multiple access (CDMA) mobile communication system includes mobile units (12) each having a frame detector which detects the frames included in the TDMA and CDMA signals in the first and second modes respectively to produce a frame signal. A demodulation circuit is used for demodulating the TDMA and CDMA signals from an antenna in the first and second modes respectively. A transmission power control circuit regulates the power of an output signal from an up-converting circuit. The up-converting circuit performs the frequency-up-conversion of the first baseband signal in the first mode and the second baseband signal in the second mode. The TDMA and CDMA signals are transmitted from different base stations having different service areas.

IPC 1-7  
**H04B 7/26**

IPC 8 full level  
**H04B 1/40** (2006.01); **H04B 7/26** (2006.01); **H04W 16/30** (2009.01); **H04W 16/32** (2009.01); **H04W 36/36** (2009.01); **H04W 48/18** (2009.01); **H04W 48/20** (2009.01); **H04W 88/02** (2009.01); **H04W 88/06** (2009.01); **H04W 88/08** (2009.01); **H04L 7/04** (2006.01)

CPC (source: EP US)  
**H04B 1/406** (2013.01 - EP US); **H04B 7/2618** (2013.01 - EP US); **H04W 88/06** (2013.01 - EP US); **H04W 88/08** (2013.01 - EP US); **H04L 7/04** (2013.01 - EP US); **H04W 16/32** (2013.01 - EP US)

Citation (search report)  
• [Y] WO 9401956 A2 19940120 - MOTOROLA INC [US]  
• [Y] EP 0566257 A1 19931020 - AMERICAN TELEPHONE & TELEGRAPH [US]  
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Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0665659 A2 19950802**; **EP 0665659 A3 19990922**; **EP 0665659 B1 20040721**; CA 2141370 A1 19950801; CA 2141370 C 20010116; DE 69533271 D1 20040826; DE 69533271 T2 20050818; EP 1408627 A1 20040414; EP 1408628 A1 20040414; JP 2992670 B2 19991220; JP H07222227 A 19950818; US 5572516 A 19961105

DOCDB simple family (application)  
**EP 95101226 A 19950130**; CA 2141370 A 19950130; DE 69533271 T 19950130; EP 04000782 A 19950130; EP 04000783 A 19950130; JP 961194 A 19940131; US 38148895 A 19950131